

REMARKS

Consideration of the present claims, in light of the attached claim clarifications and the Remarks, which follow, is respectfully requested.

Claims now before the Examiner are 1, 3-12, 15, and 17-48.

Support for the correction of the error from “aralkyl” to “arylalkyl” at column 3, lines 55 to 62; column 4, lines 1-10; and column 4, lines 28-37 comes from common chemical nomenclature.

Support for the paragraph insertion at column 15 is found in US 5,693,727 which is incorporated by reference (column 15, line 17 in the application as filed).

For the second catalyst component, M has been replaced by M'. While M and M' may be the same metal, they may also be different. The amendments should aid in clarity.

Support for the amendment to claim 1, (slurry, dispersion, or suspension) is found at column 15, line 30; the newly added verbiage at column 15, between lines 37 and 38; and in claim 18 at column 36, lines 12-13.

Support for the amendments to claim 6, correction of the error from “aralkyl” to “arylalkyl” at column 3, lines 55 to 62; column 4, lines 1-10; and column 4, lines 28-37 comes from common chemical nomenclature.

Support for the amendments to claims 8 and 9 to R⁸ to R¹² may be found at column 4, lines 54 and 58.

Amendments to claim 12 find support at column 6, line 49 carried over to column 7, line 20, and column 8, lines 19 – 44 (catalyst compound description).

Amendment to claims 20 and 21 are merely to conform the language of these dependent claims to those claims from which they depend.

New claim 22 finds support at column 6, lines 49-61(catalyst compound description).

New claim 23 finds support at column 19, lines 41-43 (support).

New claim 24 finds support at column 10, line 61 (activator) and at column 19, lines 41-43 (support).

New claims 25 and 26, find support at column 15, lines 12-13 (method of addition) and at column 16, lines 10-15 (olefin(s)).

New claim 27 finds support at column 16, lines 11-14 and column 19, lines 1-4 (monomer and monomer ratio).

New claims 28, 29 and 30 find support at column 16, lines 11-14 and column 19, lines 1-4.

New claims 31 and 32 find support in claims 6 and 7 at column 33 line 66 carried over to column 34 line 67.

New claim 33 (polymer physical properties and metal content) finds support at column 20, line 44 carried over to column 21, line 7.

New claim 34 finds support in claims 6 and 7 at column 33 line 66 carried over to column 34 line 67 (catalyst compounds); at column 15, line 30 and the newly added verbiage at column 15, between lines 37 and 38, and in claim 18 at column 36, line 12-13 (suspension, dispersion or slurry); at column 16, lines 11-14 (monomer); and column 19, lines 1-4 (monomer ratio); at column 20, line 63 carried over to column 21, line 7, column 20, lines 32-33, lines 44-52, and lines 61-63 (polymer physical properties).

New claim 35 finds support at claims 1 & 2 at column 33, lines 39-52 (catalyst description) ; at column 6, line 49 carried over to column 7, line 20, and column 8, lines 19 – 44 (catalyst description); claim 17 column 36, lines 22-23, column 10, lines 60-63 (activator); and at column 15, line 30 and the newly added verbiage at column 15, between lines 37 and 38, and in claim 18 at column 36, lines 12-13 (slurry, suspension, dispersion).

New claim 36, see above for new claim 35.

New claim 37 finds support in claim 6, at column 34, lines 1-47 (catalyst structure), and column 3, line 38 (leaving group); and claim 7, column 34, lines 48-67 (zirconium).

New claim 38 finds support at column 19, lines 41-43 (support); at column 10, lines 60-61 (alumoxane); column 16, lines 11-14 and column 19, lines 1-4 (monomer and

monomer ratio); at column 20, line 44, carried over to column 21, line 7 (polymer physical properties and metal content).

New claim 39 finds support at column 12, lines 21-26 (ratio); at column 33, lines 4-5 (raising or lowering temperature); column 17, lines 51-55 (distearate and addition mechanism).

New claim 40 finds support in claims 1 and 6 at column 33, lines 39-46 and 65 carried over to column 34 line 45 (catalyst formula).

New claim 41 finds support at column 10, lines 60-63 (activators) and at column 19, lines 41-43 (support).

New claim 42 finds support at column 16, lines 10-15 (olefin(s)); finds support at column 20, line 44 carried over to column 21, line 7 (polymer physical properties and metal content).

New claim 43 finds support at column 6, line 49 carried over to column 7, line 20, and column 8, lines 19 – 44 (catalyst compounds).

New claim 44 finds support at column 6, line 47 carried over to column 8, line 14 (metallocene compound); column 16, lines 13-21 (monomers); and column 19, lines 1-4 (amount of monomers).

New claim 45 finds support in claims 6 and 7 at column 33, line 66, carried over to column 34, line 67 (catalyst compounds) and column 19, lines 5-30 (melt index manipulation).

New claim 46 finds support at in claims 6 and 7 at column 33, line 66, carried over to column 34, line 67 (catalyst compounds).

New claims 47 and 48 find support at column 12, lines 21-26 (ratio); at column 33, lines 4-5 (raising or lowering temperature); and column 17, lines 51-55 (distearate and addition mechanism).

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Reissue Preliminary Amendment

Concurrently with this paper, Applicants are filing an Information Disclosure Statement.

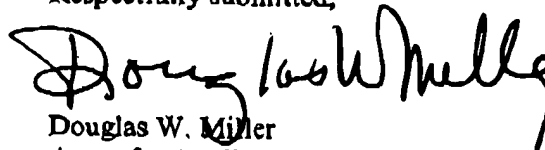
The claims are in condition for allowance.

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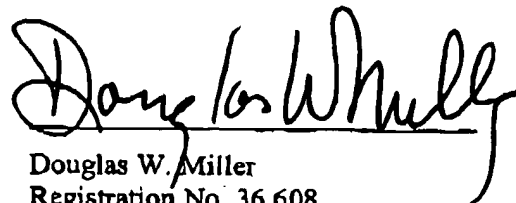


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